

FIG. 1

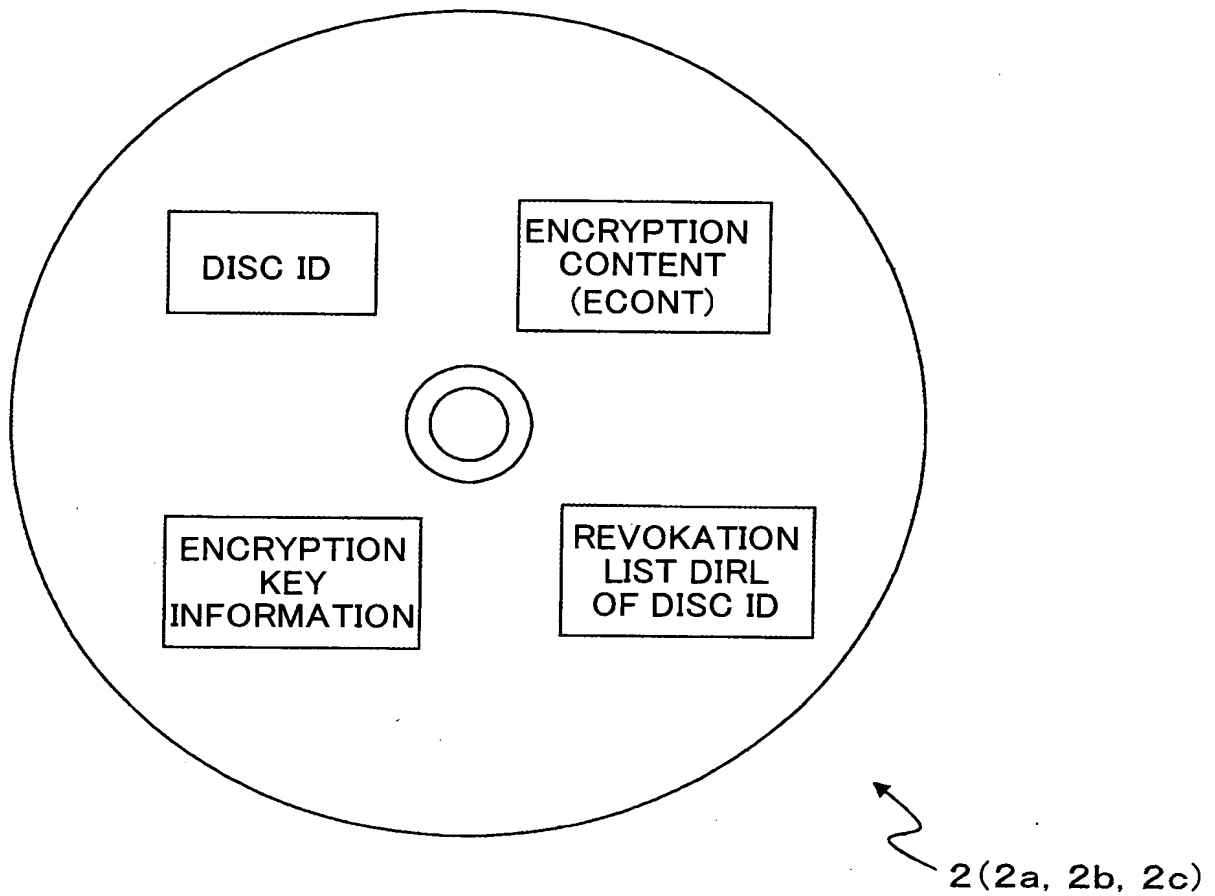


FIG. 2

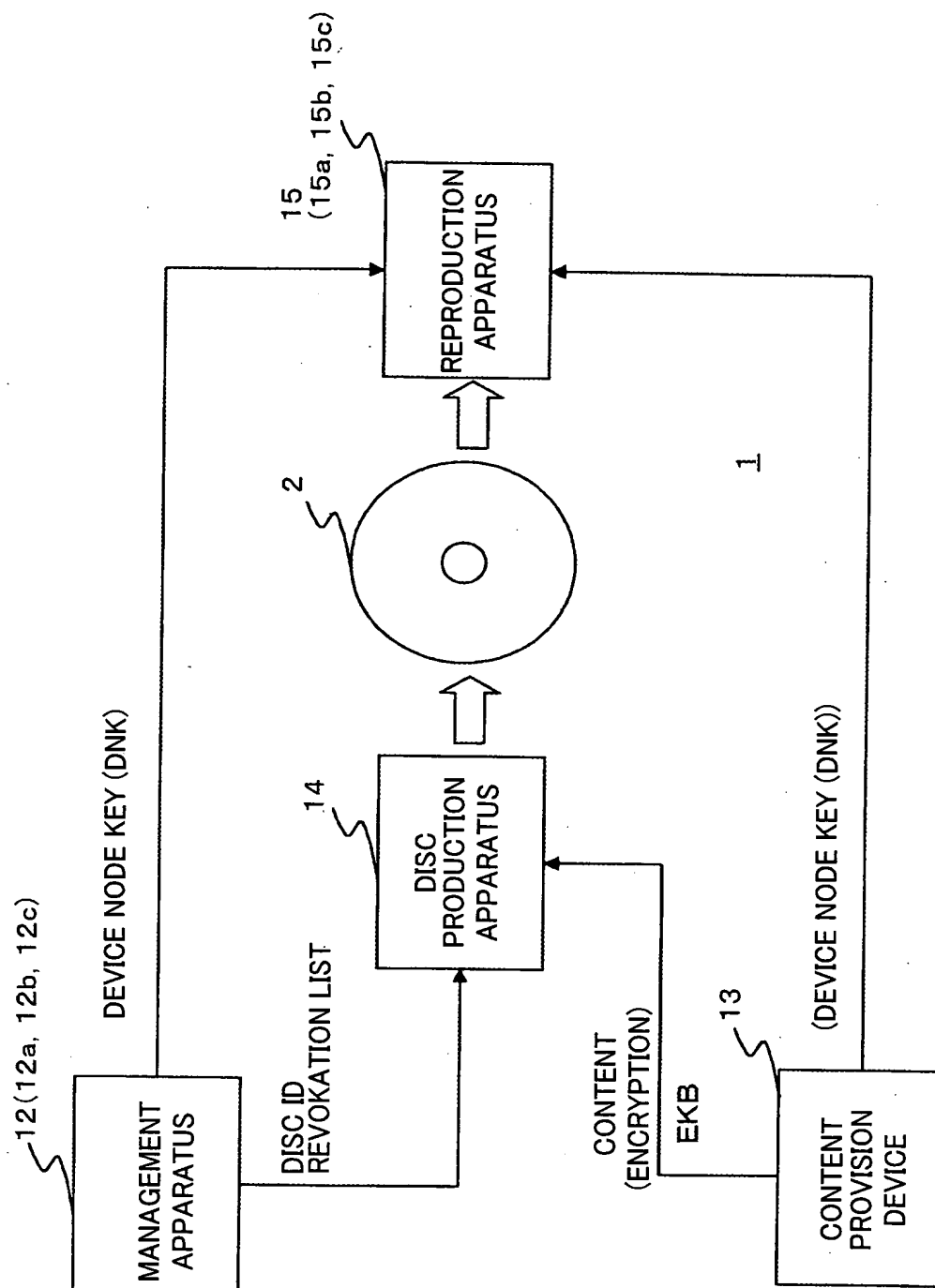


FIG. 3

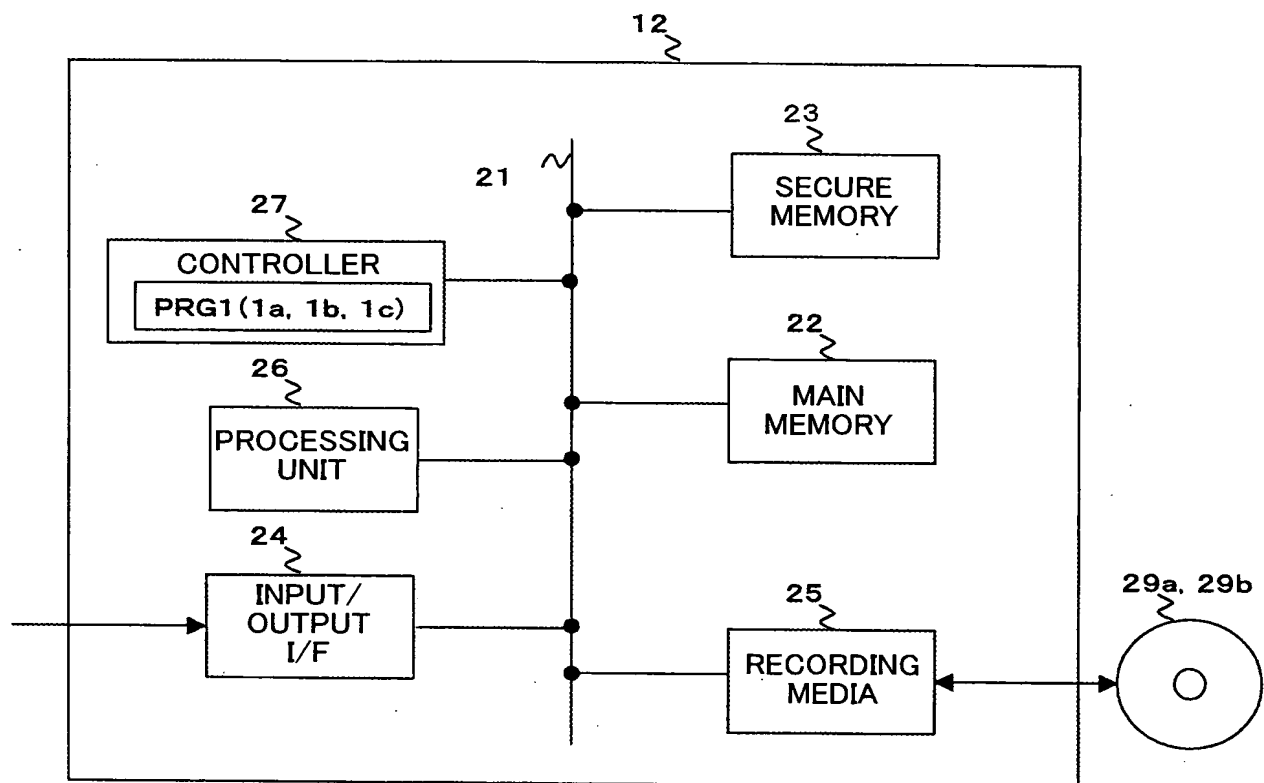


FIG. 4

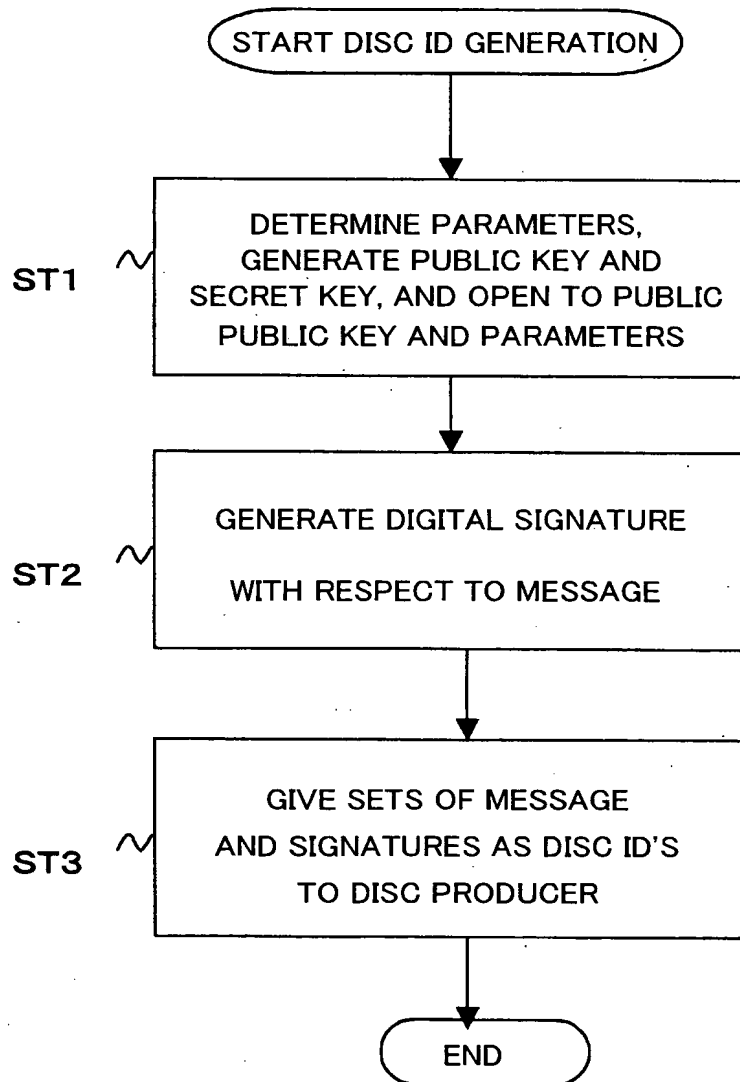


FIG. 5

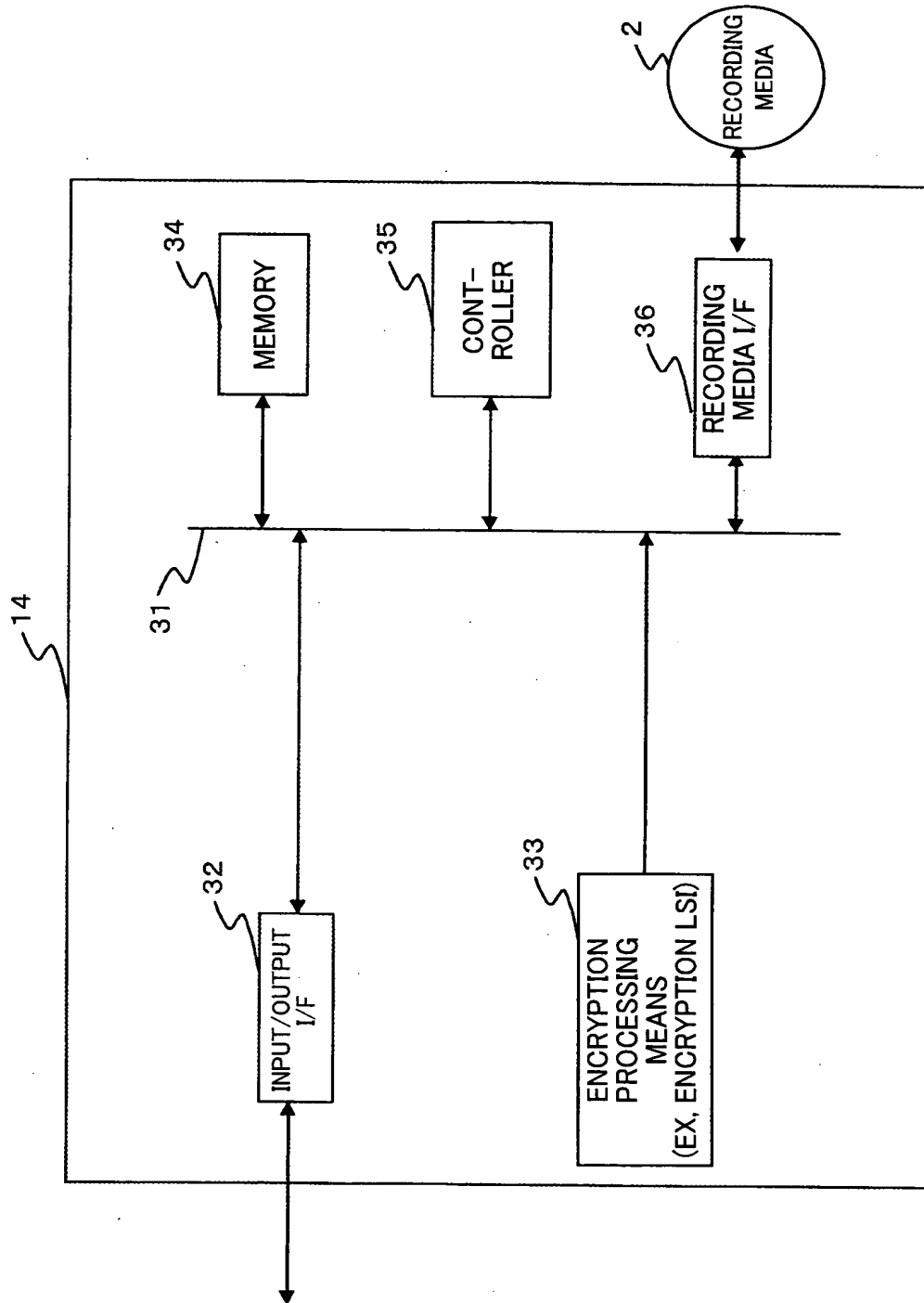


FIG. 6

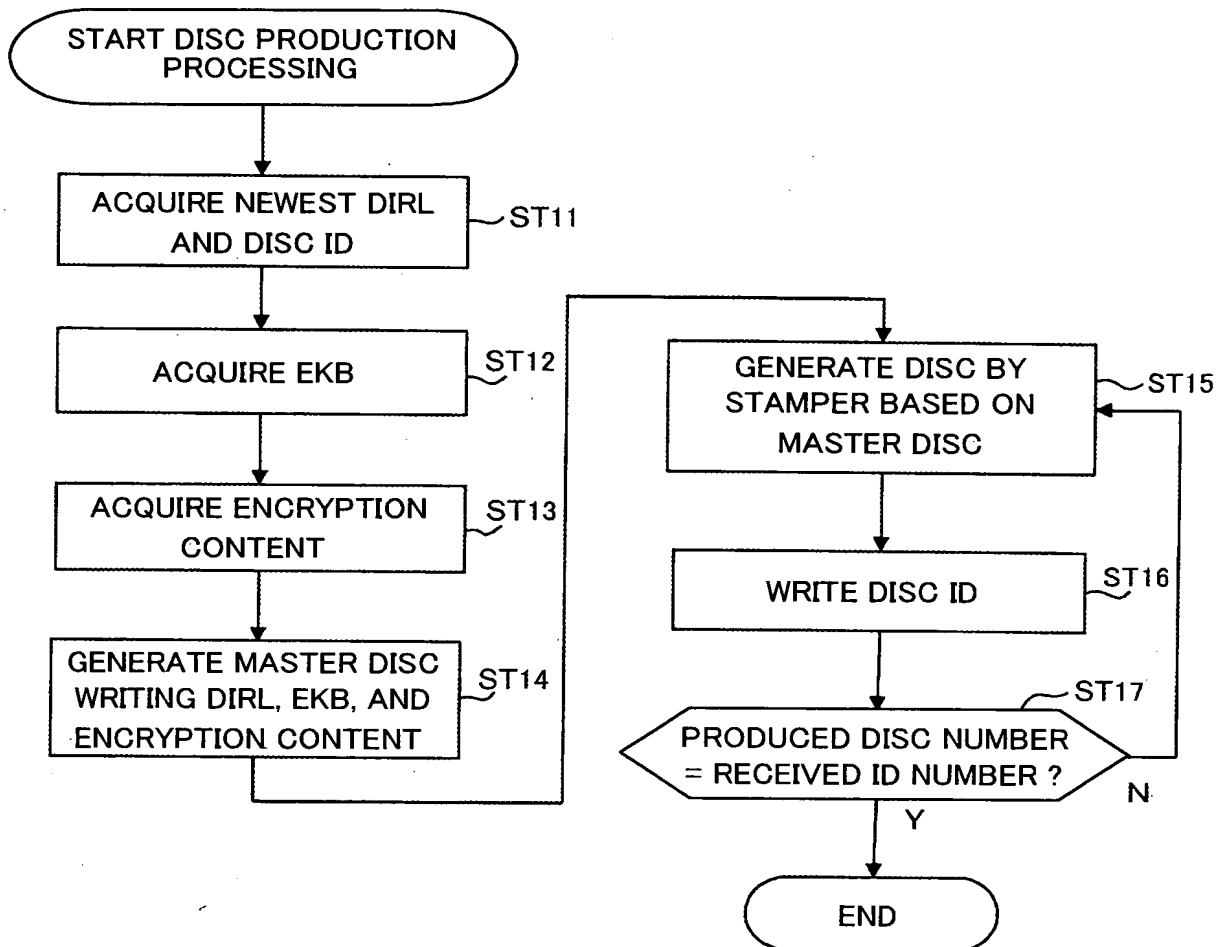


FIG. 7

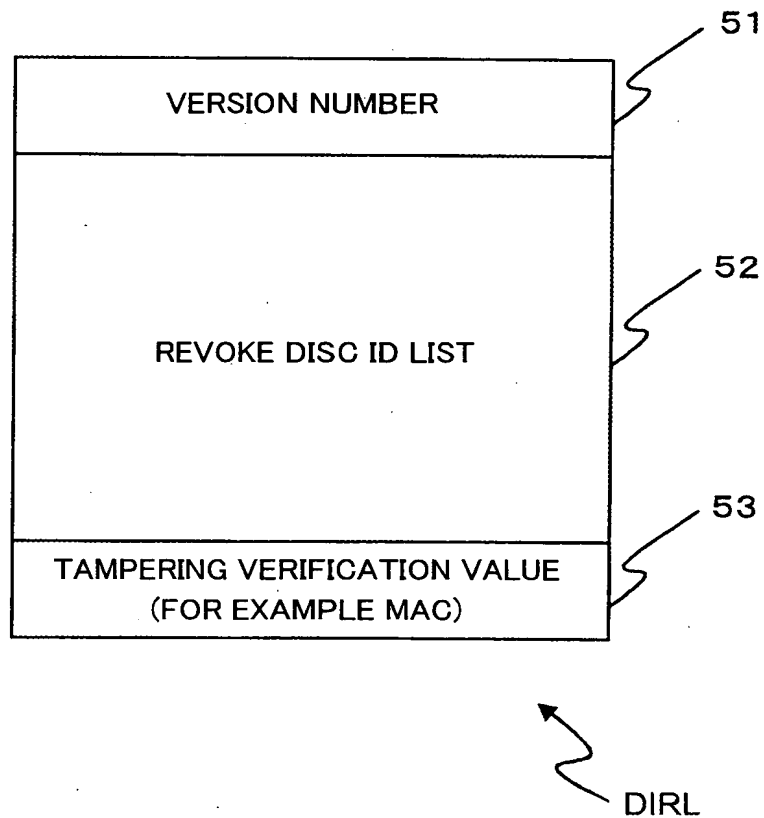
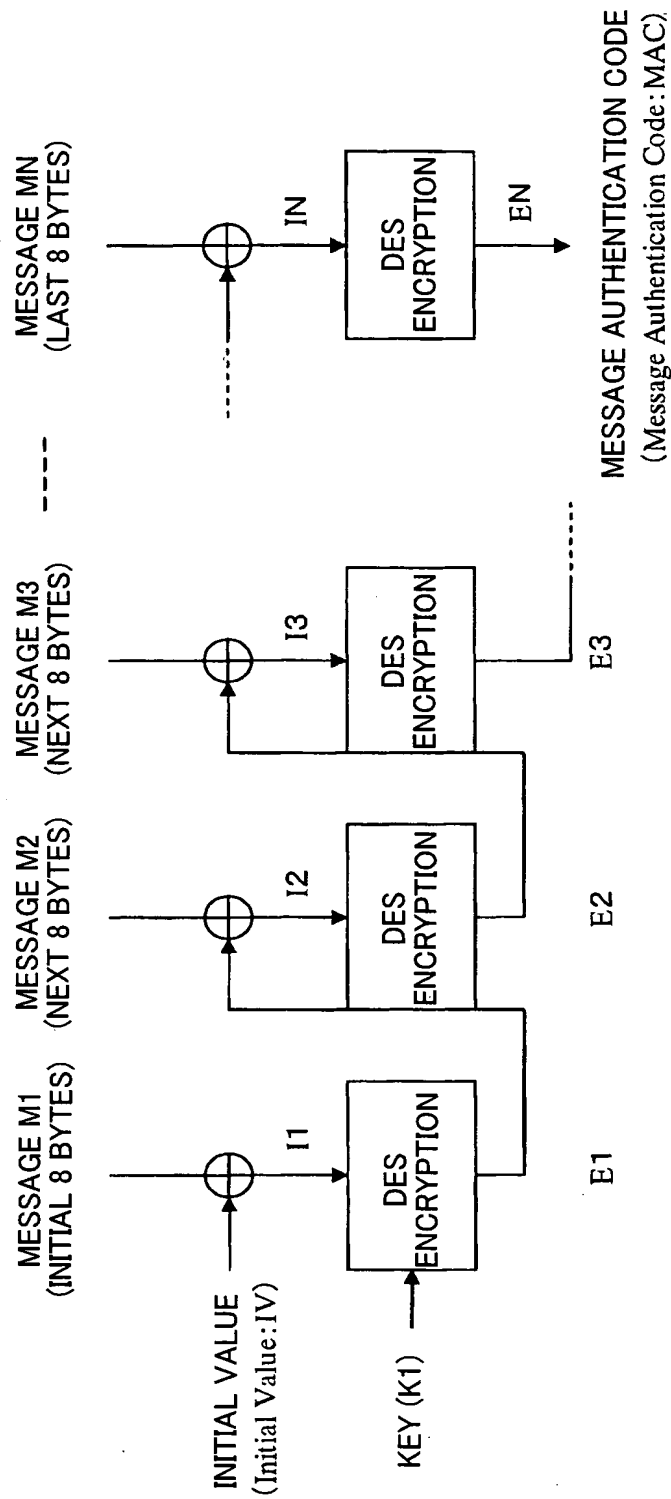


FIG. 8



\oplus : EXCLUSIVE LOGICAL OR PROCESSING (UNIT OF 8 BYTES)

FIG. 9

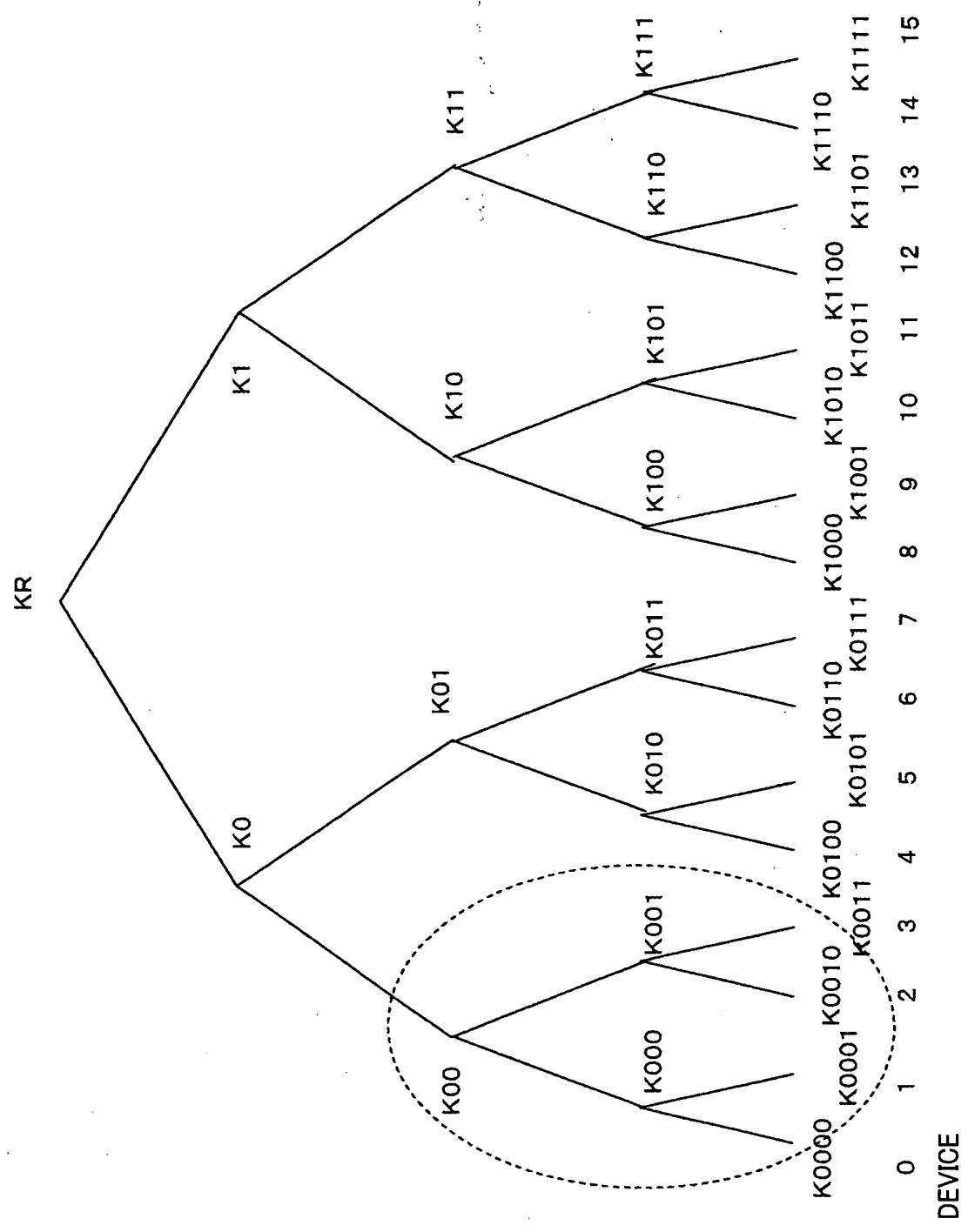


FIG. 10A

ENABLING KEY BLOCK

(EKB:Enabling Key Block)EXAMPLE 1

TRANSMIT NODE KEY OF VERSION t
TO DEVICES 0, 1, AND 2

VERSION (Version) : t	
INDEX	ENCRYPTION KEY
0	Enc(K(t)0, K(t)R)
00	Enc(K(t)00, K(t)0)
000	Enc(K000, K(t)00)
001	Enc(K(t)001, K(t)00)
0010	Enc(K0010, K(t)001)

FIG. 10B

ENABLING KEY BLOCK

(EKB:Enabling Key Block) EXAMPLE 2

TRANSMIT NODE KEY OF VERSION t
TO DEVICES 0, 1, AND 2

VERSION (Version) : t	
INDEX	ENCRYPTION KEY
000	Enc(K000, K(t)00)
001	Enc(K(t)001, K(t)00)
0010	Enc(K0010, K(t)001)

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FIG. 11

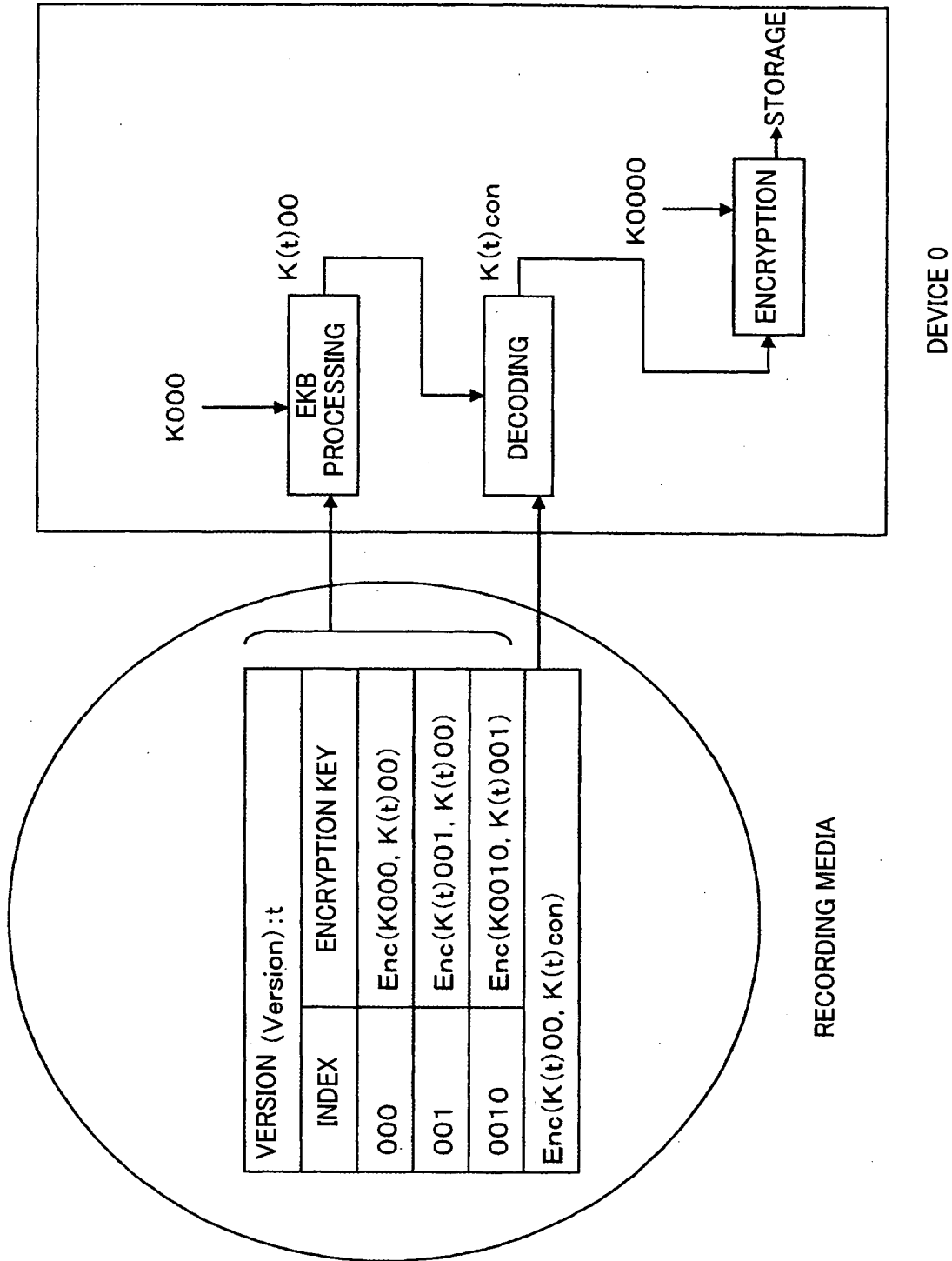


FIG. 12

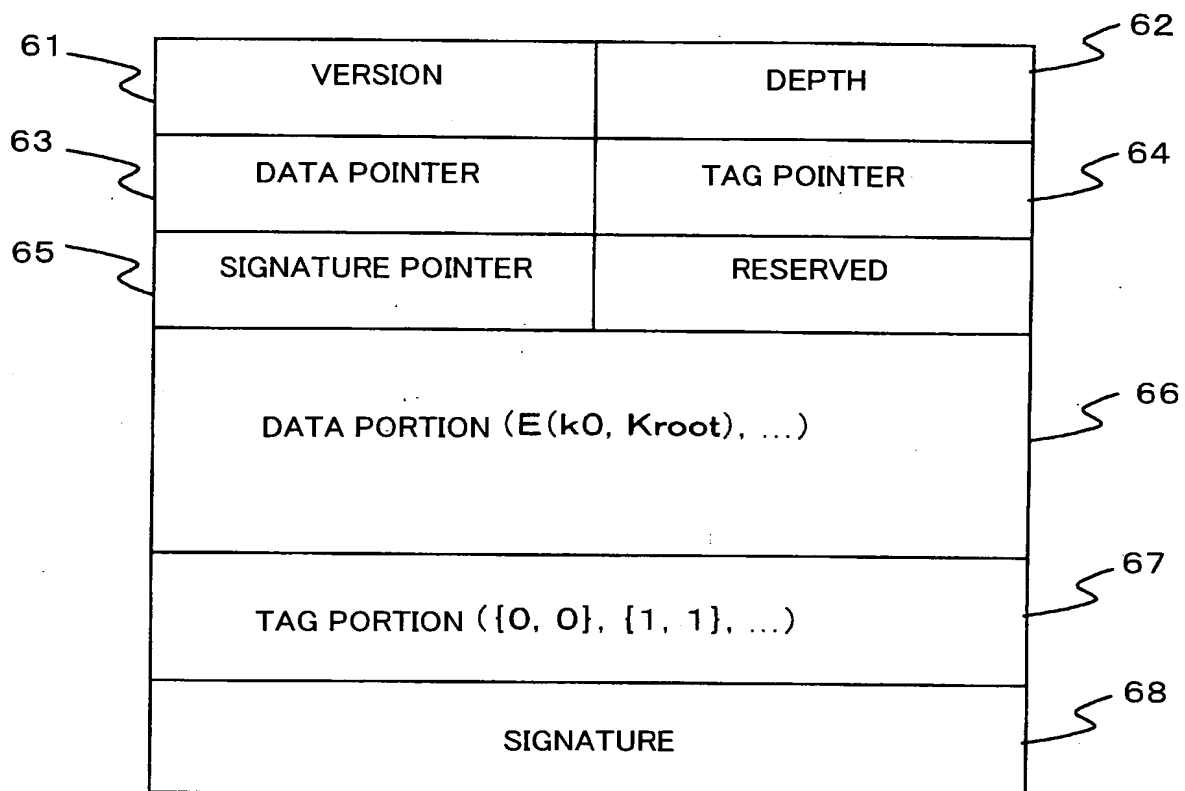


FIG. 13A

FIG. 13B

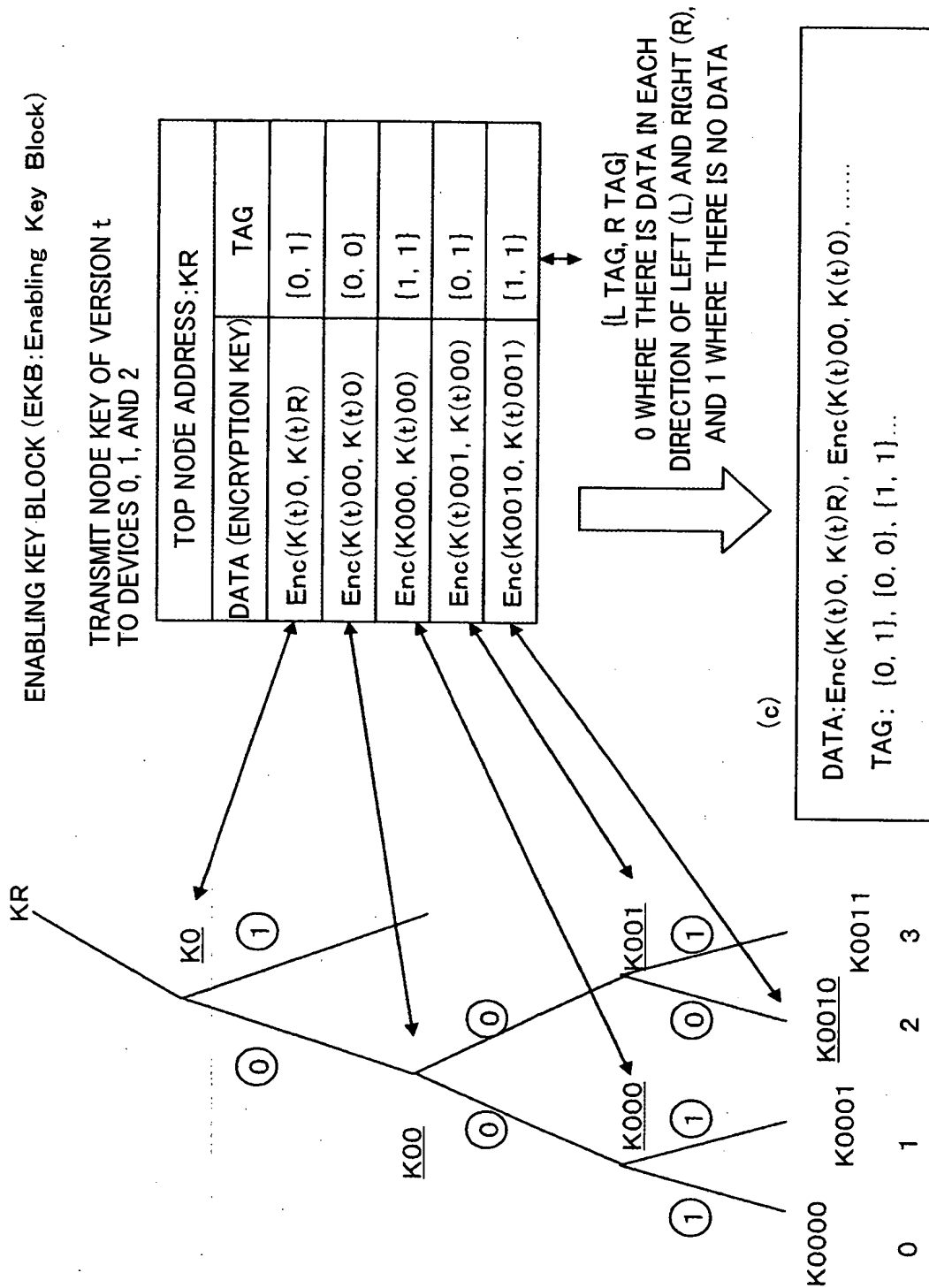


FIG. 14

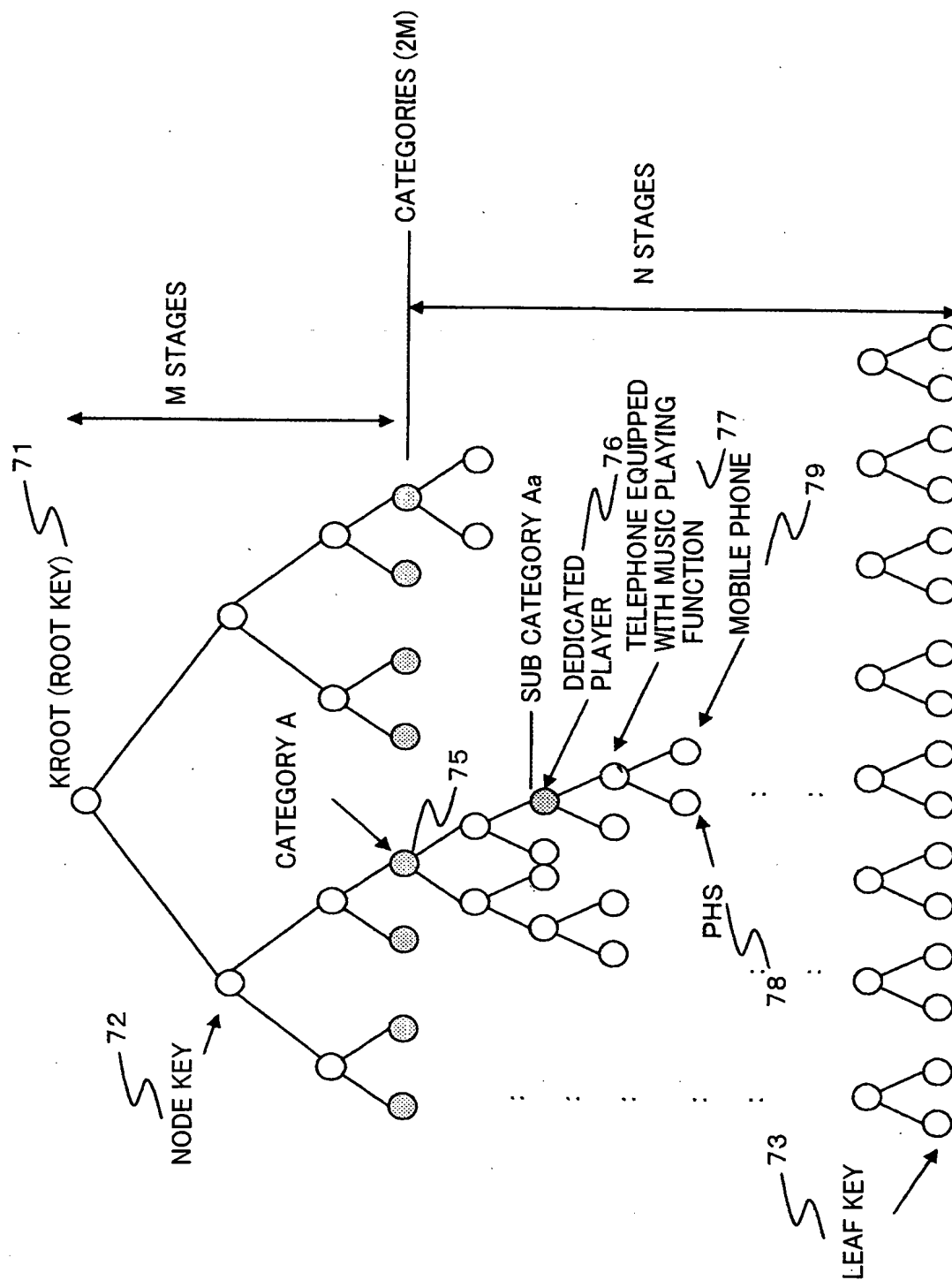


FIG. 15

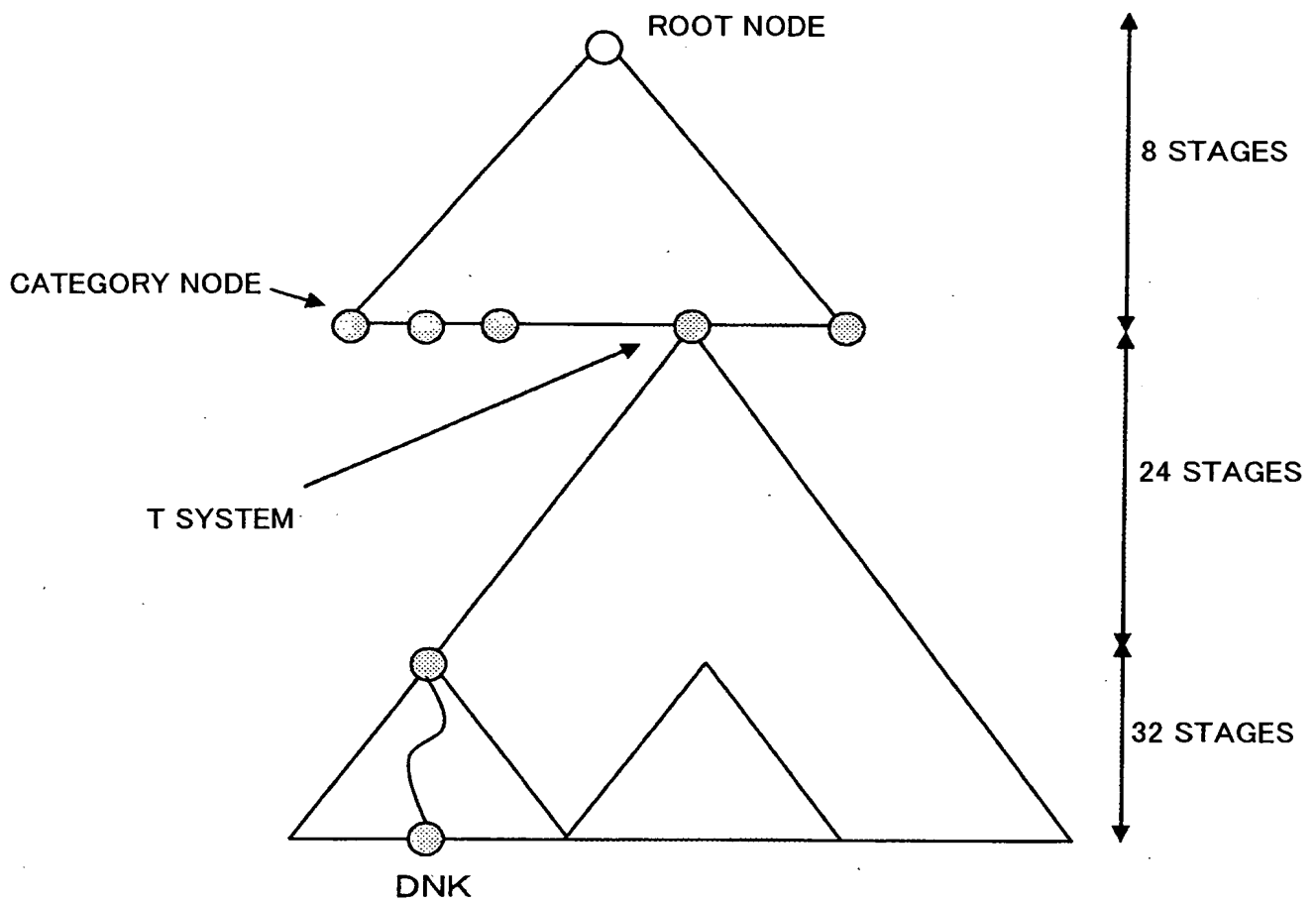


FIG. 16

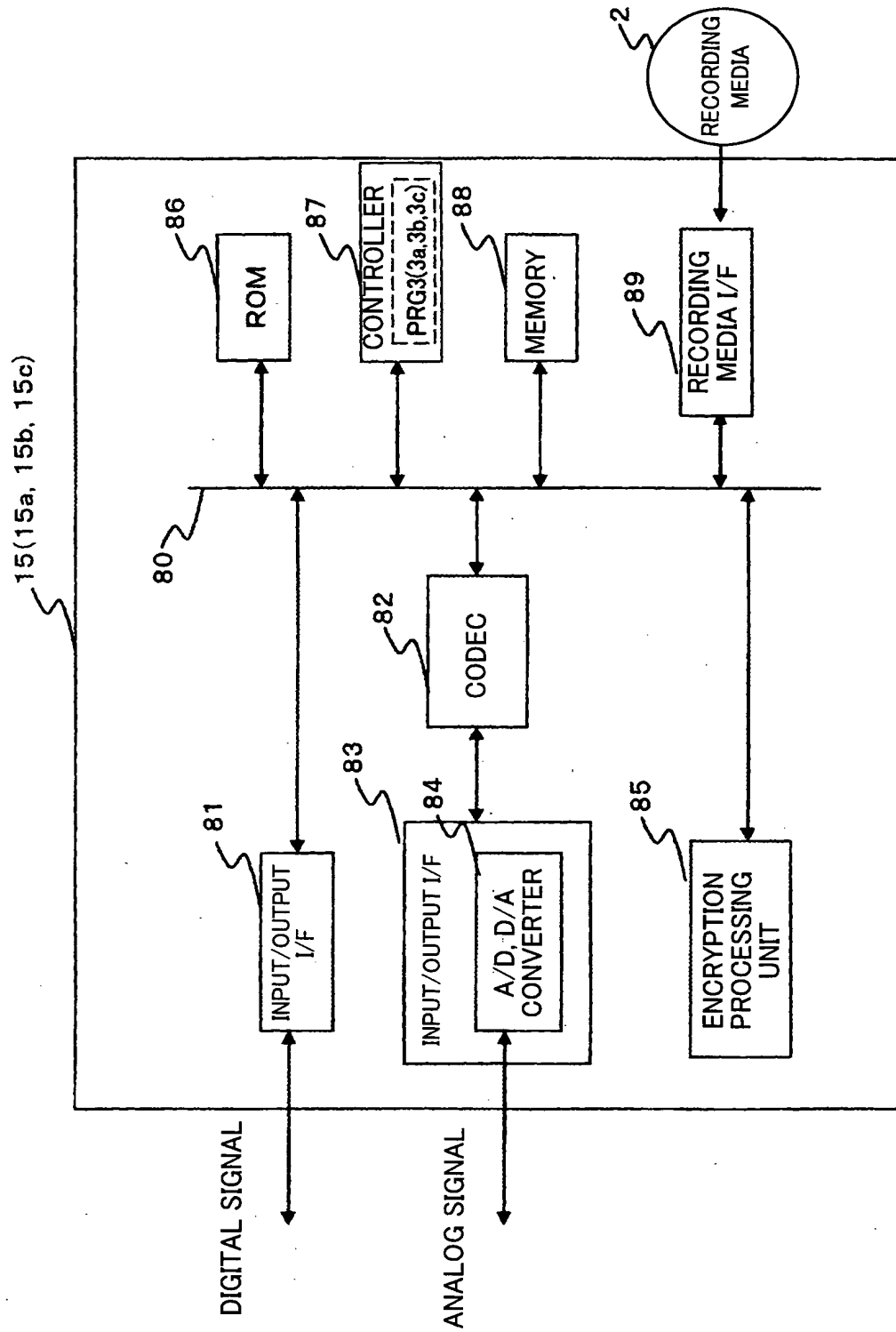


FIG. 17

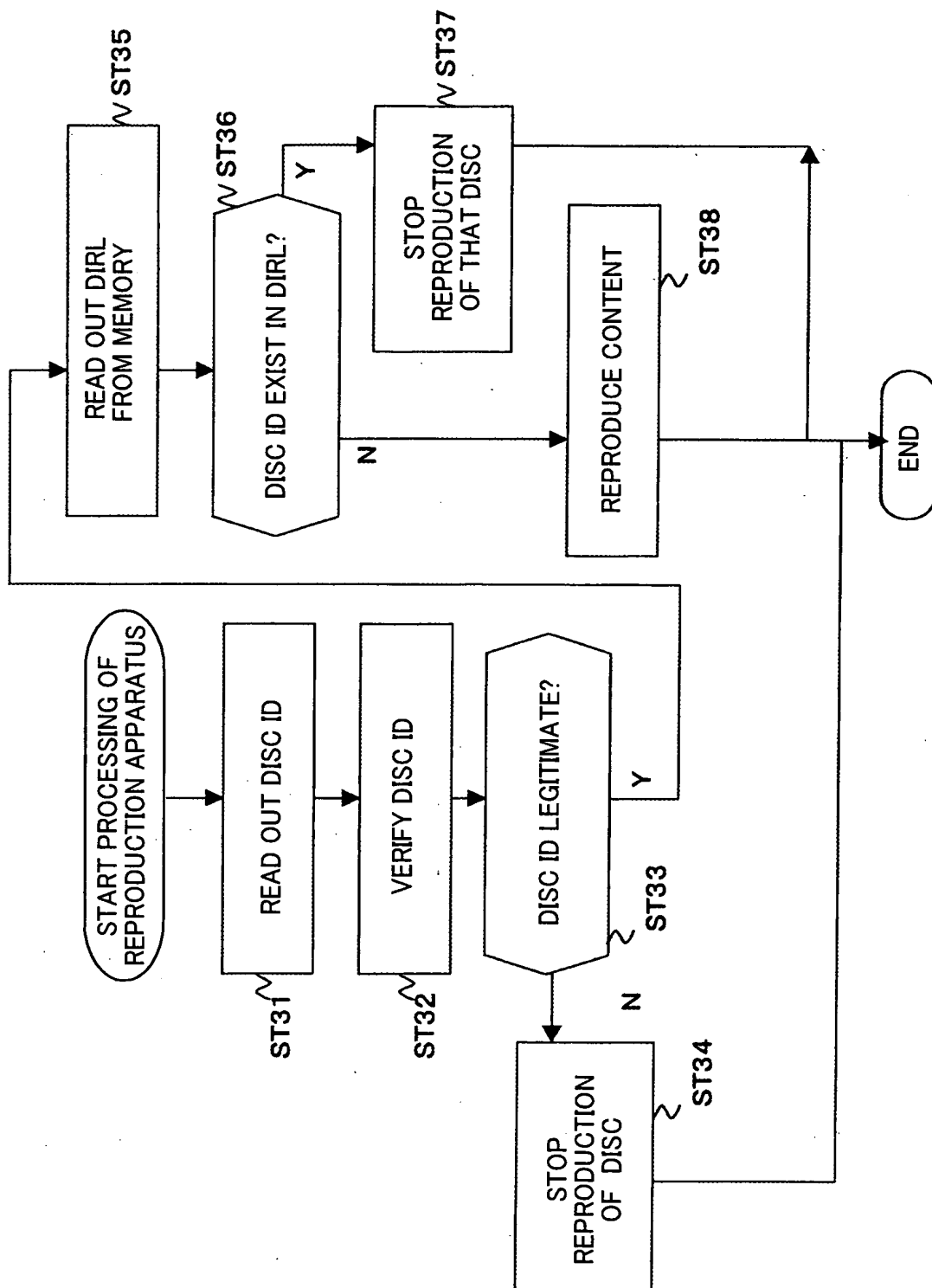


FIG. 18

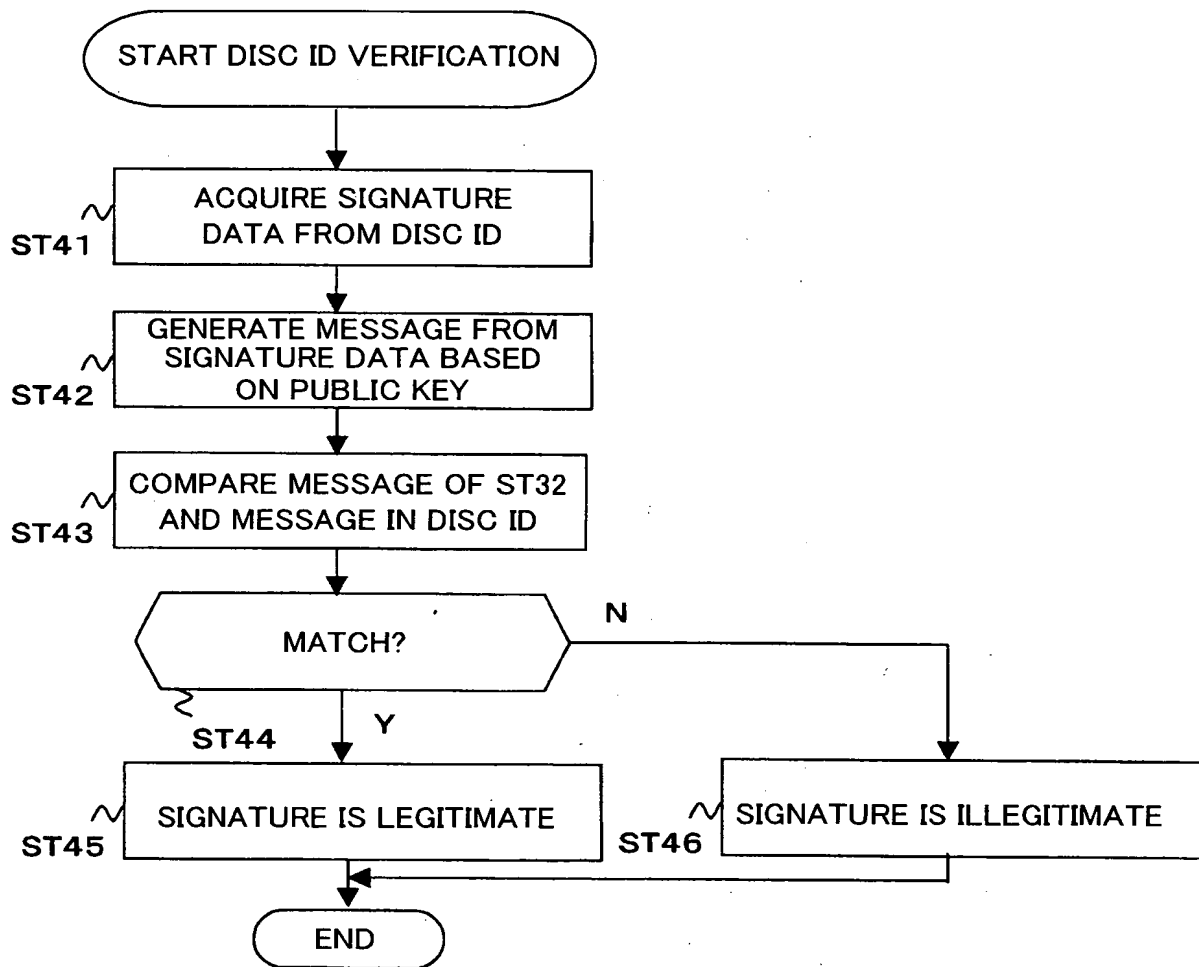


FIG. 19

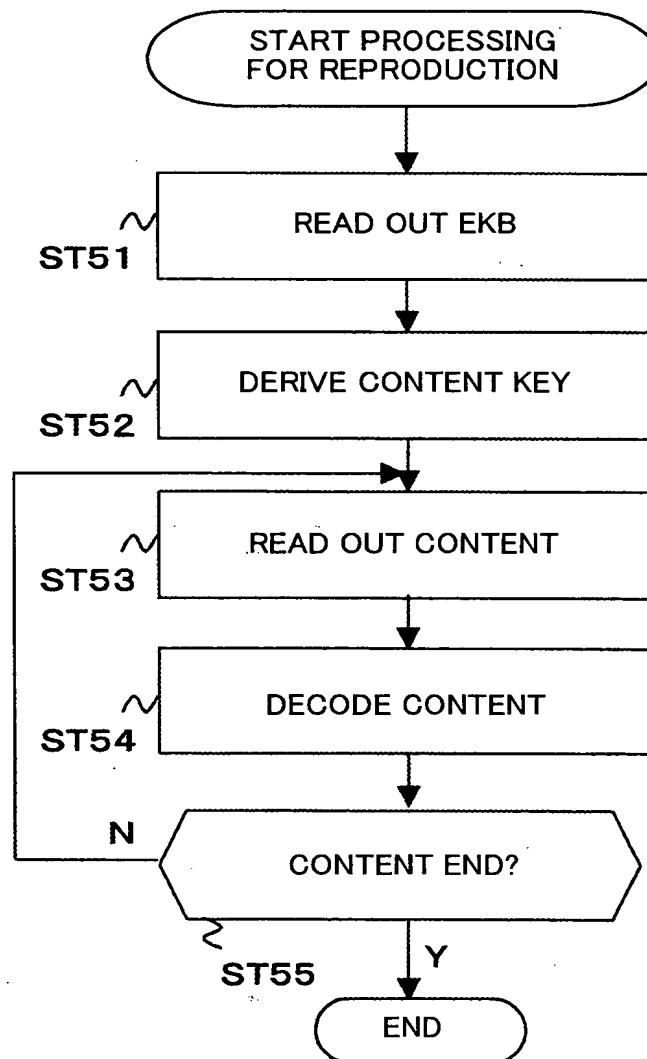


FIG. 20

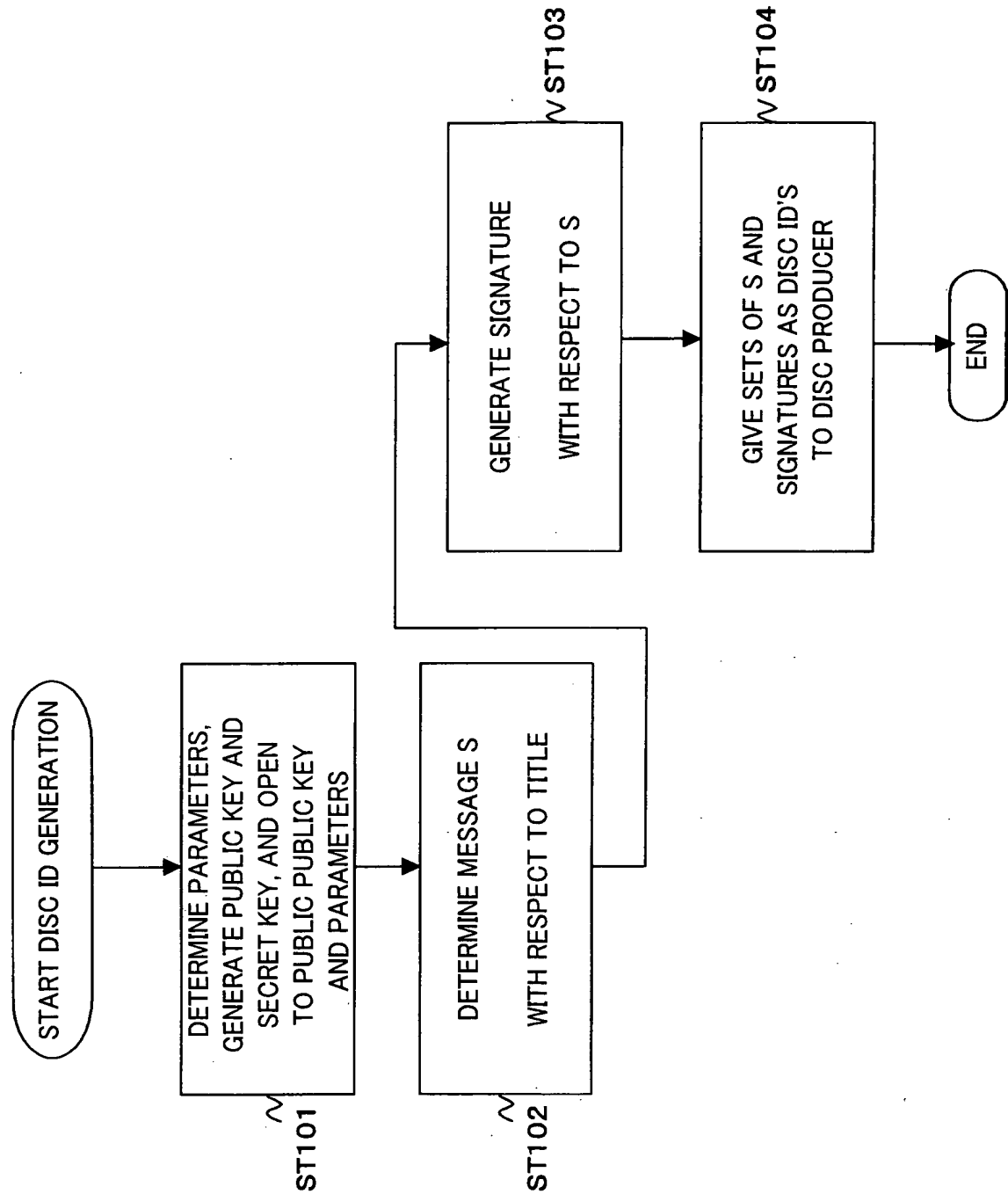


FIG. 21

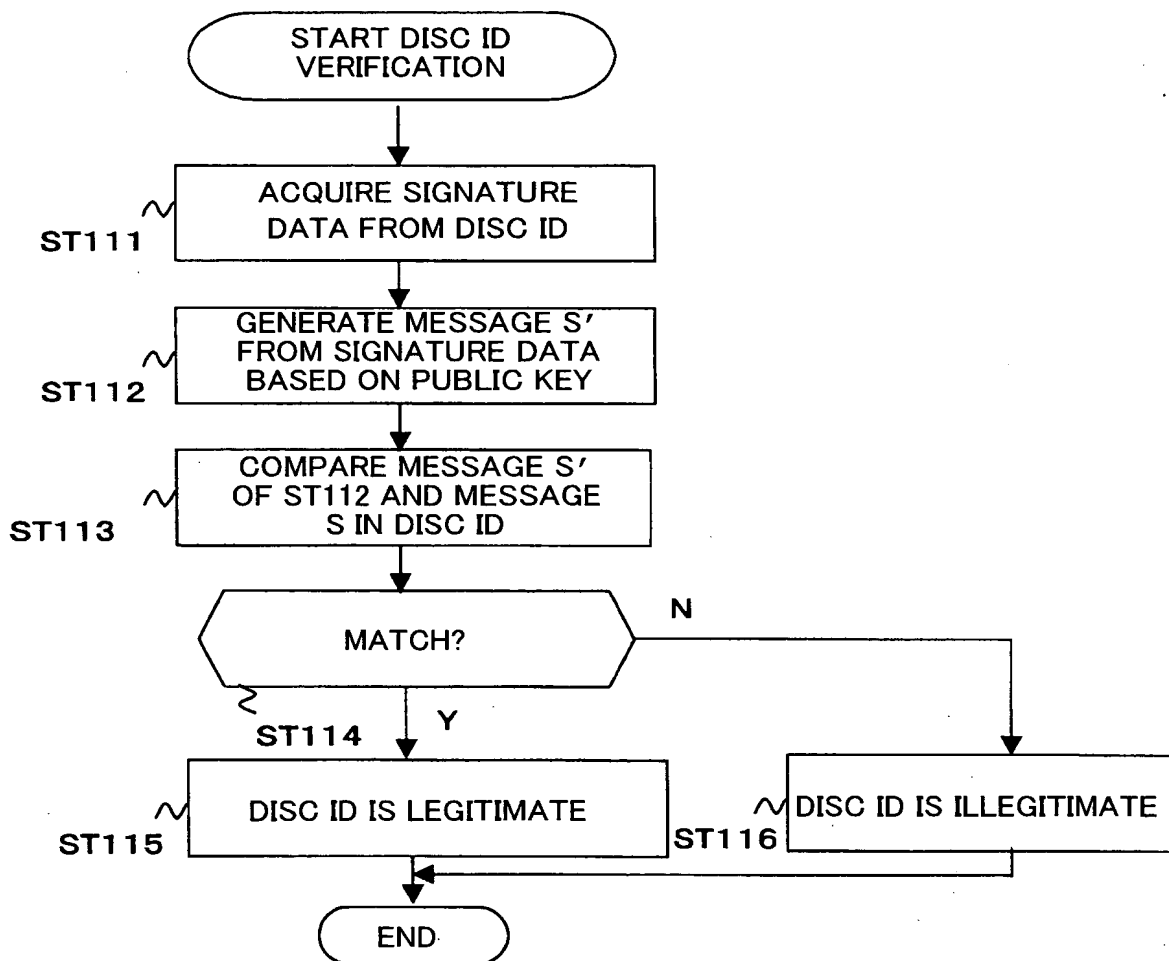


FIG. 22

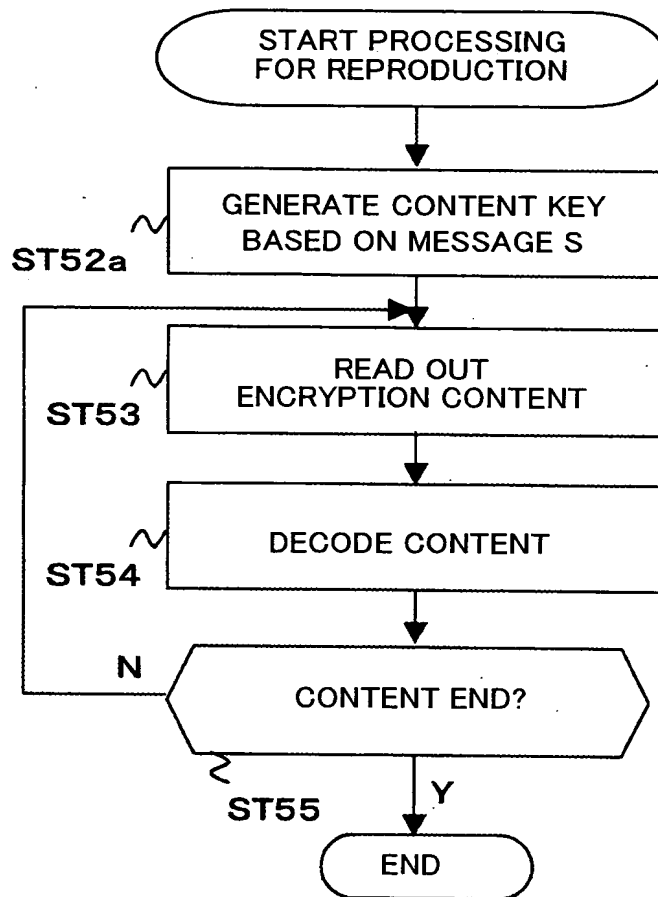


FIG. 23

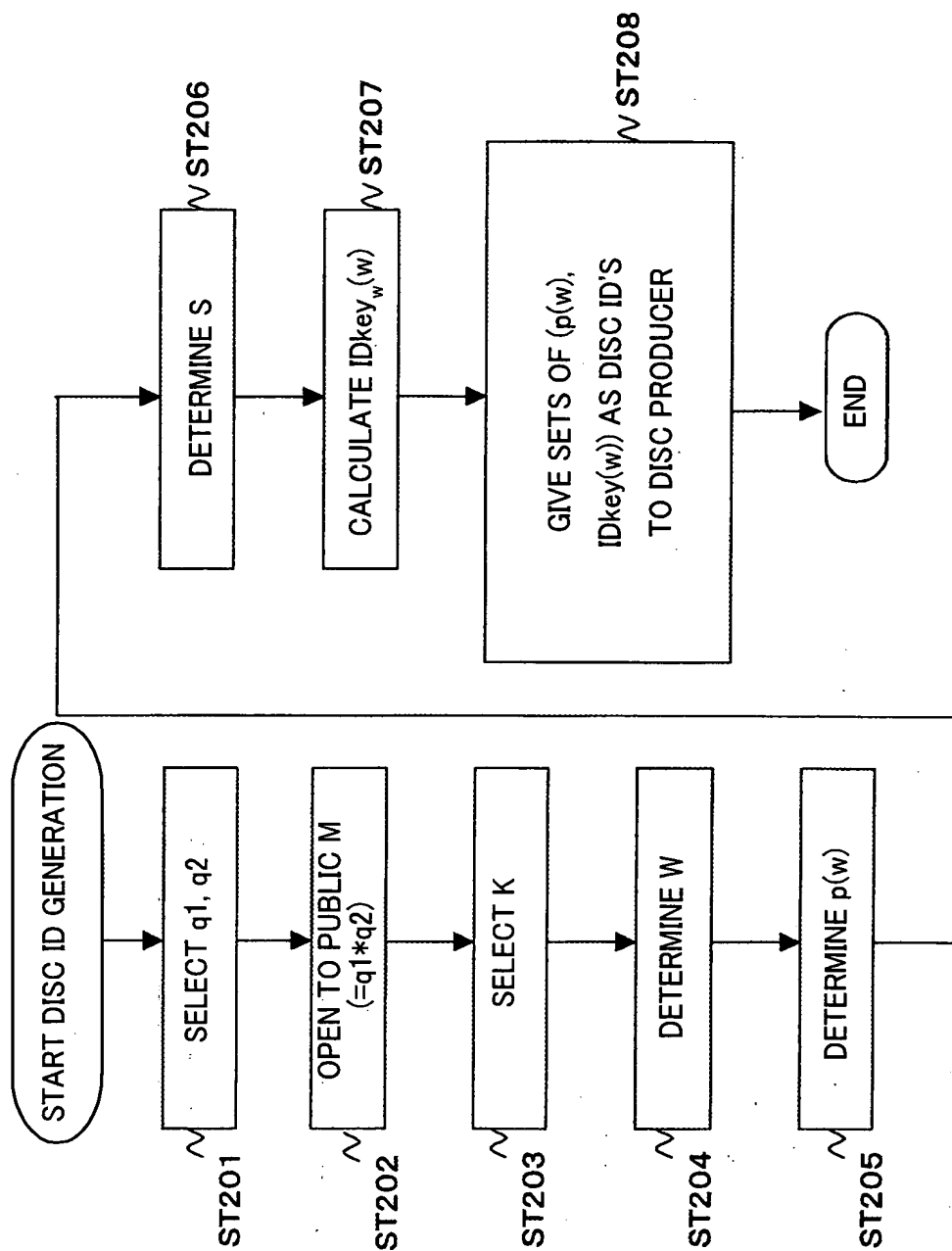


FIG. 24

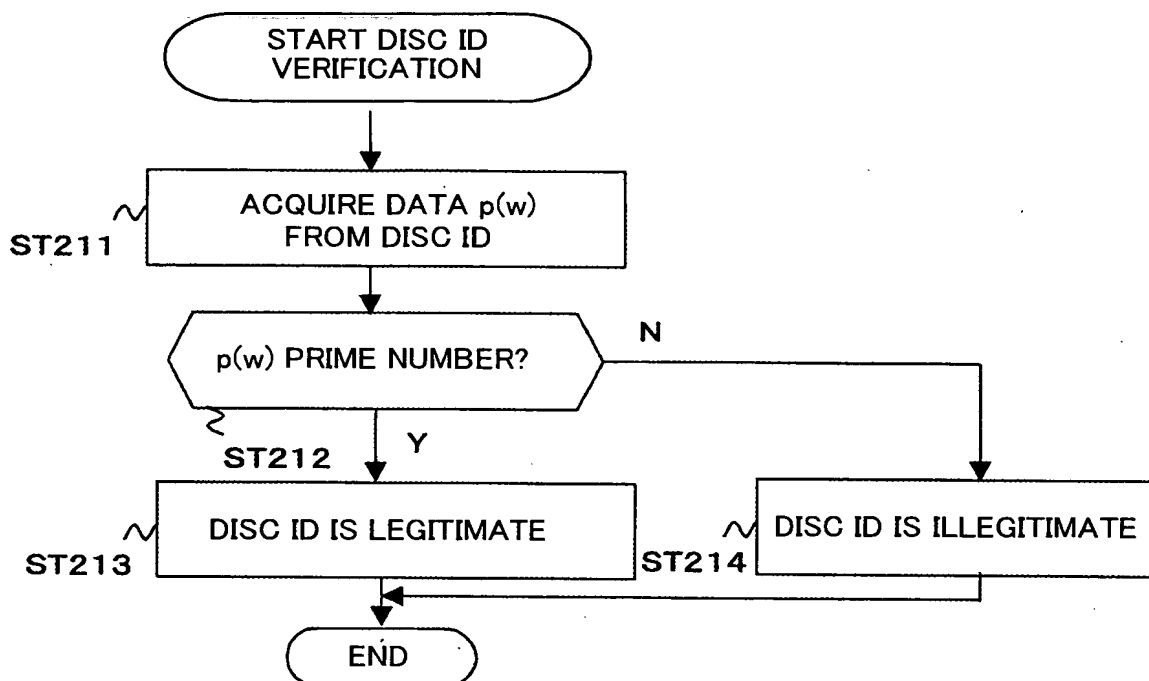


FIG. 25

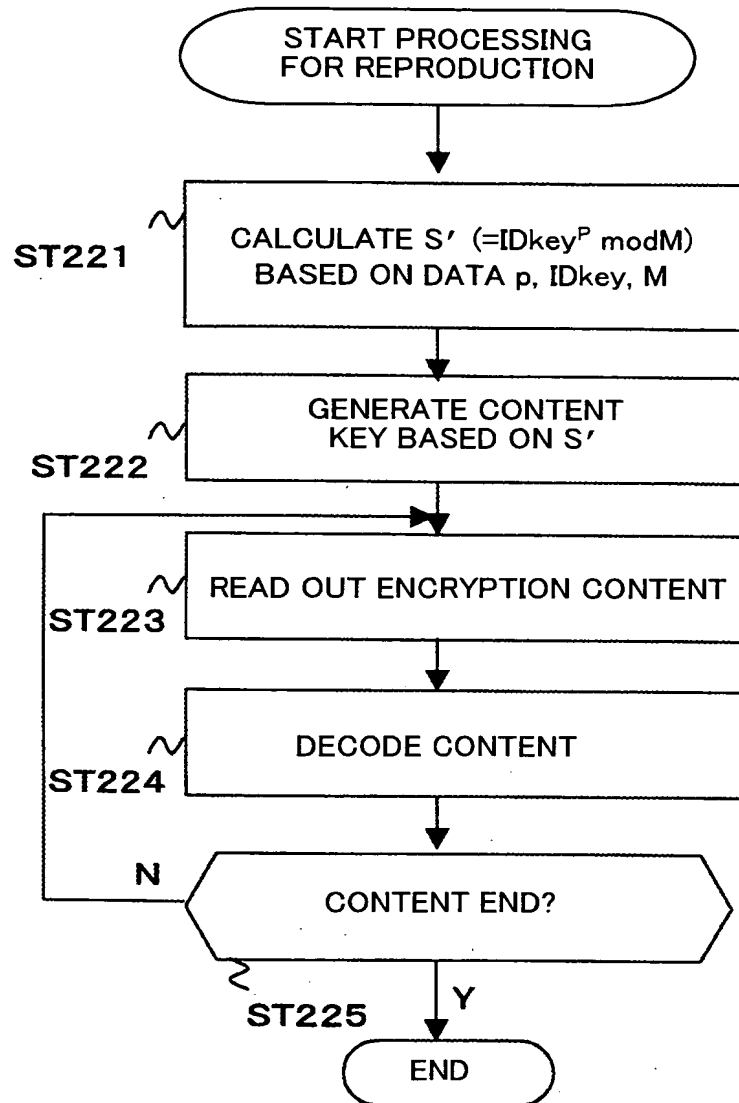


FIG. 26

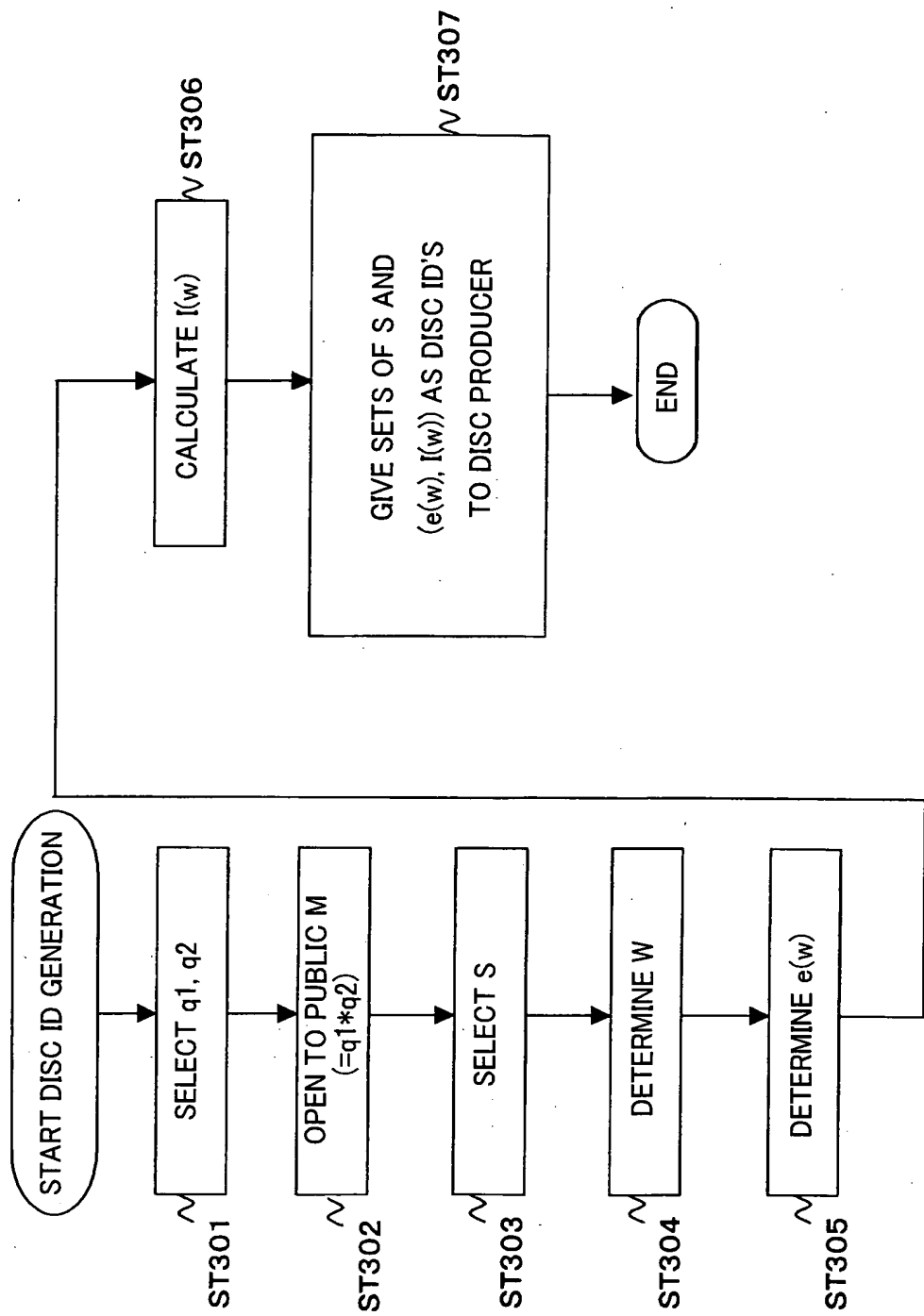
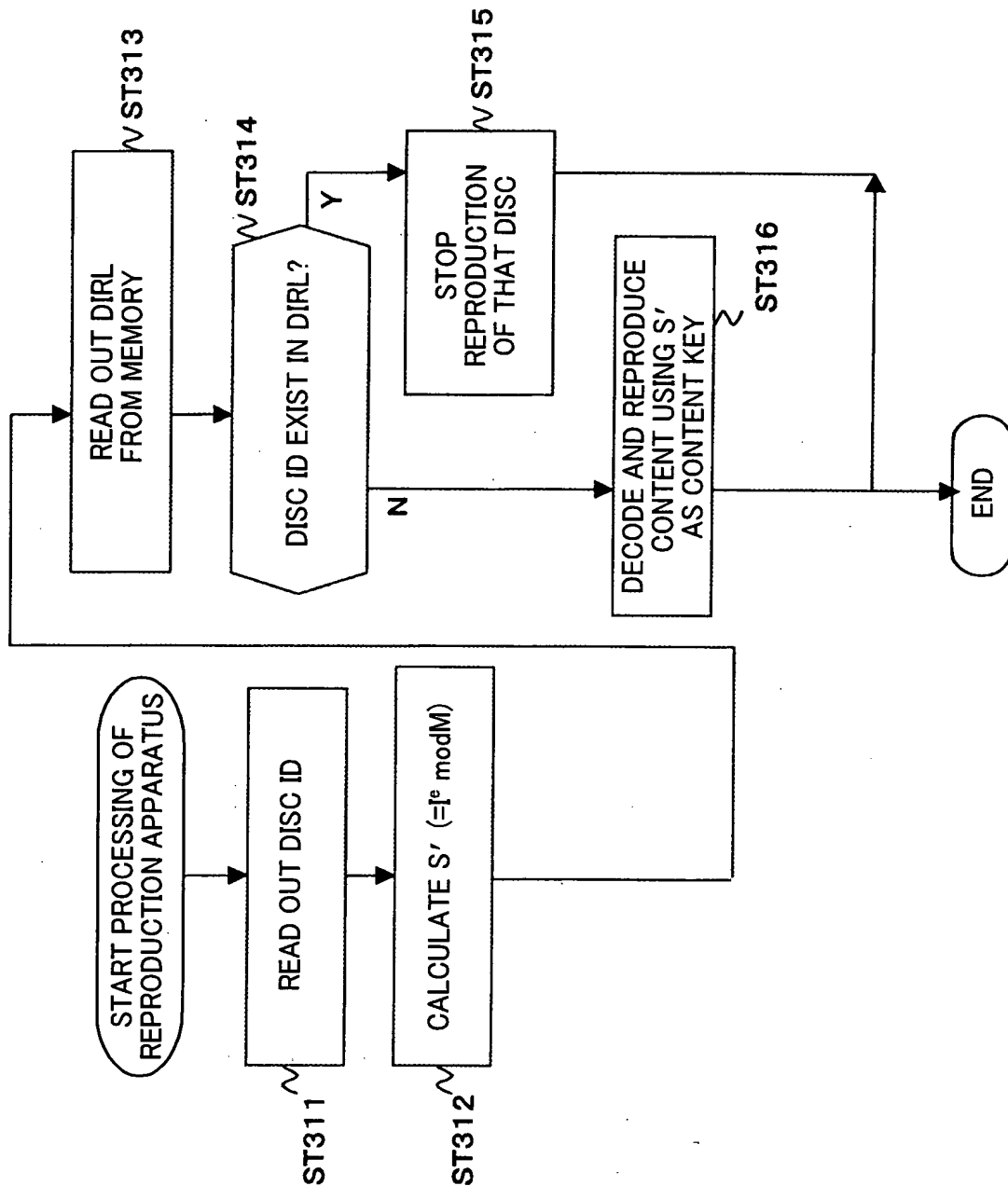


FIG. 27



DESCRIPTION OF REFERENCES

- 2, 2a, 2b, 2c... disc type recording medium
12, 12a, 12b, 12c... management apparatus
5 13... content provider
14... disk producer
15, 15a, 15b, 15c... reproduction apparatus
21... bus
22... main memory
10 23... secure memory
24... input/output interface
25... recording medium interface
26... processing unit
27... controller
15 80... bus
81... input/output interface
82... codec
83... input/output interface
84... converter
20 85... encryption processing unit
86... ROM
87... controller
88... memory
89... recording medium interface

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